

SYSTEM AND METHOD FOR PRE-COMPILING A SOURCE CURSOR INTO A TARGET LIBRARY CACHE

Abstract

A system and method for enabling a second database instance to more
5 quickly process a request to execute a database statement that has previously been
executed by a first database instance is described. In one embodiment, the
method involves sending the database statement from the first database instance
to the second database instance, and generating by the second database instance
one or more structures needed to prepare the statement for execution, such as a
10 parse tree and an execution plan for the statement. If at some point in the future,
the second database instance receives a request to execute the same statement, the
above structures can be used for execution, thereby eliminating the need for one
or more potentially time-consuming operations, such as generation of a parse tree
or execution plan for the statement.